



### PUMP

Dayliff DZ self-priming waste water pumps are of semi-open impeller axial flow type designed for pumping water containing high solid levels with particular application for site drainage, sewage and general effluent duties. They are of heavy duty design and feature a non-return valve on the suction, easy opening cleaning ports and a mechanical seal. Construction is of cast iron throughout.

### MOTOR

Pumps are close coupled to non-overloading TEFC motor designed for continuous duty. A remote DOL starter with thermal overload is necessary for motor control.

**Enclosure Class:** IP56

**Insulation Class:** F

### OPERATING CONDITIONS

**Pumped liquid:** Thin, chemically non aggressive liquids with a viscosity of up to 50mm<sup>2</sup>/s containing suspended solids and particles up to the size indicated.

**Working Liquid Temperature:** - 10°C to +80°C

**Maximum Working Pressure:** 6 Bar

**Maximum Particle Size:** DZ40-20mm, DZ50-25mm and DZ80-40mm

### PUMP DATA

Model	Voltage (V)	Motor		Speed (rpm)	Max Current (A)	Inlet/Outlet (")	Dimensions (mm)				Weight (kg)
		kW	HP				H1	H2	L	W	
DZ 40-110	1 X 240	1.1	1.5	2900	7.2	1.5	242	168	485	173	57
DZ 50-220	3 X 415	2.2	3.0	2900	4.9	2	321	201	595	210	75
DZ 80-400	3 X 415	4.0	5.4	1450	5.1	3	410	310	735	302	121

